L Number	Hits	Search Text	DB	Time stamp
1	1	5,179,419.pn.	USPAT	2004/01/12 11:38
2	ō	5,179,419.pn. and (inside with outside)	USPAT	2004/01/12 11:38
3	1	5,179,419.pn. and (inside and outside)	USPAT	2004/01/12 11:45
4	41		USPAT	2004/01/12 11:39
5	515	((inside with outside) with circle) and	USPAT;	2004/01/12 11:56
		imag\$3	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
6	14	1 (3	USPAT;	2004/01/12 11:46
		circle)) and imag\$3	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
7	11	((median or mean or average) with(inside	<pre>IBM_TDB USPAT;</pre>	2004/01/12 11:57
'		with outside) with circle) and imag\$3	US-PGPUB;	2004/01/12 11:3/
		with odeside, with criticie, and images	EPO; JPO;	
			DERWENT;	
			IBM TDB	
8	8	smd with circle	USPAT;	2004/01/12 11:59
			US-PGPUB;	, , == ==============================
			EPO; JPO;	
			DERWENT;	
_			IBM_TDB	
9	16	smd same circle	USPAT;	2004/01/12 12:01
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
10	1155	//ineport\$3 or scan\$5\th simala\	IBM_TDB	2004/01/12 12:02
10	1133	((inspect\$3 or scan\$5) with circle) and pixel	USPAT; US-PGPUB;	2004/01/12 12:02
		Privot	EPO; JPO;	
			DERWENT;	
			IBM TDB	
111	178	(((inspect\$3 or scan\$5) with (detect\$3 or	USPAT;	2004/01/12 12:03
	_	find\$3)) with circle) and pixel	US-PGPUB;	
		<u>^</u>	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
12	44	••• • • • • • • • • • • • • • • • • •	USPAT;	2004/01/12 12:08
		find\$3)) with circle with center) and	US-PGPUB;	
		pixel	EPO; JPO;	
			DERWENT;	
13	4	(((inspect\$3 or scan\$5) with (detect\$3 or	<pre>IBM_TDB USPAT;</pre>	2004/01/12 12:06
	"	find\$3)) with circle with center) and	US-PGPUB;	2004/01/12 12:00
		pixel and vision	EPO; JPO;	
		•	DERWENT;	
			IBM TDB	
14	23	1 ((==== [USPAT;	2004/01/12 12:09
		find\$3)) with circle with center) and	US-PGPUB;	, , ==,,,,
		pixel and (average or median or mean)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
15	102	(circle with noise) and pixel	USPAT;	2004/01/12 12:09
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
16	7	((circle with noise) with (mean or median	IBM_TDB	2004/01/12 12:12
*	'	or average)) and pixel	USPAT; US-PGPUB;	2004/01/12 12:12
	:	or average,, and priver	EPO; JPO;	
			DERWENT;	
			IBM TDB	
17	11762	((inner or inside) with (outer or	USPAT;	2004/01/12 12:13
		outside)) with circle	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	

18	1863		USPAT;	2004/01/12 12:13
		outside)) with circle with center	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
19	290	((inner or inside) with (outer or	IBM_TDB USPAT;	2004/01/12 12:13
19	290	outside)) with circle with center with	,	2004/01/12 12:13
		1	US-PGPUB; EPO; JPO;	
		edge	DERWENT;	
			IBM TDB	
20	290	((inner or inside) with (outer or	USPAT;	2004/01/12 12:16
20	2 30	outside)) with circle with center with	US-PGPUB;	2004/01/12 12:16
		edg\$3	EPO; JPO;	
		cages	DERWENT;	
1			IBM TDB	
1 22	2	((inner or inside) with (outer or	USPAT;	2004/01/12 12:14
	_	outside)) with circle with center with	US-PGPUB;	2001,01,12 12:11
		edg\$3 with scan\$5	EPO; JPO;	
		009,0	DERWENT;	
			IBM TDB	
24	79	((inner or inside) with (outer or	USPĀT;	2004/01/12 12:16
		outside)) with circle with center with	US-PGPUB;	
		edg\$3 with axis	EPO; JPO;	
			DERWENT;	
			IBM TDB	
25	0	((inner or inside) with (outer or	USPĀT;	2004/01/12 12:16
		outside)) with circle with center with	US-PGPUB;	
		edg\$3 with axis with pixel	EPO; JPO;	
•			DERWENT;	
			IBM_TDB	
26	0	((inner or inside) with (outer or	USPAT;	2004/01/12 12:16
		outside)) with circle with center with	US-PGPUB;	
		edg\$3 with axis and pixel	EPO; JPO;	
			DERWENT;	
		l	IBM_TDB	
27	27	((inner or inside) with (outer or	USPAT;	2004/01/12 12:25
		outside)) with circle with center with	US-PGPUB;	
		pixel	EPO; JPO;	
			DERWENT;	
28	0	((inward) with (outward)) with circle with	IBM_TDB	2004/01/12 12:25
20	1	center with pixel	USPAT; US-PGPUB;	2004/01/12 12:25
		Center with bixer	EPO; JPO;	
			DERWENT;	
			IBM TDB	
29	387	((inward) with (outward)) with circle	USPĀT;	2004/01/12 12:25
		((11111114) 111111 (04011414), 111111 011010	US-PGPUB;	2001,01,12 12:20
			EPO; JPO;	
			DERWENT;	
		· ·	IBM TDB	
30	1	((inward) with (outward)) with circle with	USPĀT;	2004/01/12 12:29
		pixel	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	,
1	,		IBM_TDB	
31	3		USPĀT	2004/01/12 12:28
32	13	("3988068" "4275964" "4317613"	USPAT	2004/01/12 12:28
		"4733360" "4815844" "4817166"		
		"4924107" "4959537" "5066120"		
		"5080839" "5081685" "5094609"		
1 22		"5301004").PN.		
33	4413	computer near3 vision	USPAT;	2004/01/12 12:30
			US-PGPUB;	
1			EPO; JPO;	
1			DERWENT;	
34	1 7	(computer pears wision) with size	IBM_TDB	2004/01/12 12 22
34	17	(computer near3 vision) with circle	USPAT;	2004/01/12 12:33
			US-PGPUB; EPO; JPO;	
			DERWENT;	
L	<u></u>	<u> </u>	IBM TDB	l

35	55	(computer near3 vision) same circle	USPAT;	2004/01/12 12:38
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
36	4	("5005147" "5231580" "5528703"	USPAT	2004/01/12 12:37
		"5689585").PN.		
37	68	(machine near3 vision) same circle	USPAT;	2004/01/12 12:38
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	